

Technical Cybersecurity

The Beginnings: First Hacks

1965: Privacy Breach

TEXT EDITOR

- ▶ Intended to be used by one user at a time
- ▶ Single writable file containing references to open instances
- ▶ William Mathews was able to get the editor to display the passwords file to all users when administrators logged in and editing

1967: APL Hacking

HIGH SCHOOL STUDENTS MISUSE IBM COMPUTERS

- ▶ Students were encouraged to explore the system and did
- ▶ Were able to expand presence, learn to write other systems software, and compromise network connectivity

1979: Criminal Hacking

KEVIN MITNICK AND DEC

- ▶ Friend gave him phone number to the Ark, used to develop RSTS/E operating system software
- ▶ Copied RSTS/E software after logging in
- ▶ Arrested, convicted, sentenced to 12 months in prison
- ▶ His specialty? *Social Engineering*

1981-84: Things Get Going!

CHAOS COMPUTER CLUB

- Forms in Germany

THE 414'S

- Break into 60 computer systems

THE LEGION OF DOOM & MASTERS OF DECEPTION

- Forms in New York

CULT OF THE DEAD COW

- Lubbock, Texas

The Middle Ages